

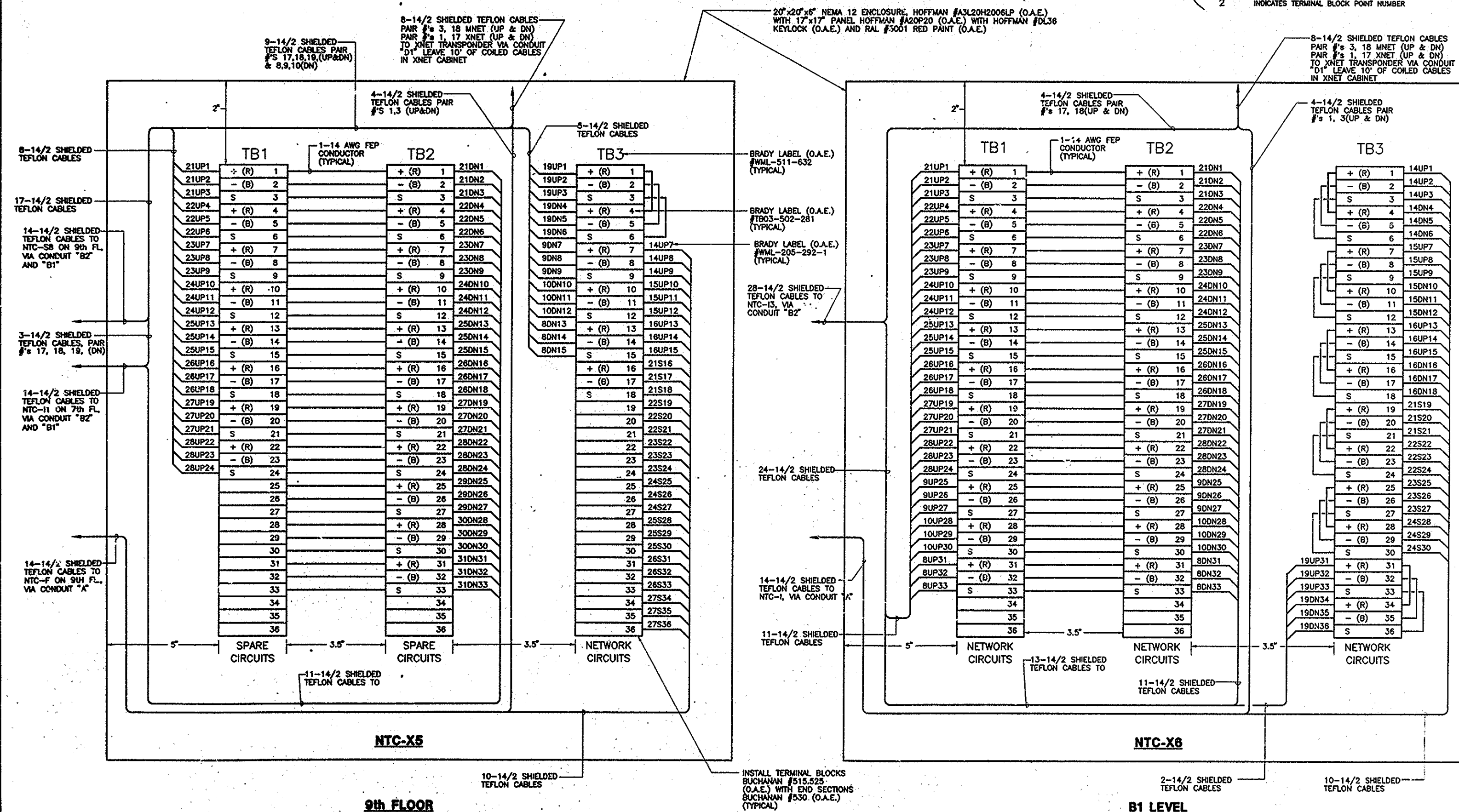
DETAIL "A" - TYPICAL SHIELD/DRAIN INSULATING METHOD

NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1 AND E-2.
2. ALL SHIELDS SHALL BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE DETAIL "A" (ON THIS DWG).
3. CONTRACTOR SHALL TERMINATE, TEST AND MAKE FINAL CONNECTION IN NTC-X5 AND NTC-X6.
4. FOR NTC-X5 ENCLOSURE LOCATION, SEE DWG'S E-25 AND E-26.
5. FOR NTC-X6 ENCLOSURE LOCATION, SEE DWG'S E-5 AND E-6.

LEGEND

- 21UP5
21S5
- #14 AWG CONDUCTORS AND DRAINS
21 - INDICATES PAIR NUMBER
S - INDICATES SPARE PAIR
UP - INDICATES WIRE RUN TO UPPER FLOOR
DN - INDICATES WIRE RUN TO LOWER FLOOR
5 - INDICATES TERMINAL BLOCK NUMBER
- TB2 - TERMINAL BLOCK #2
- (+) INDICATES POSITIVE POLARITY
(-) INDICATES NEGATIVE POLARITY
(R) INDICATES RED WIRE
(B) INDICATES BLACK WIRE
(S) INDICATES SHIELD/DRAIN WIRE
2 INDICATES TERMINAL BLOCK POINT NUMBER



THE PORT AUTHORITY
OF NEW YORK AND NEW JERSEY

ENGINEERING PROGRAM MANAGER
WORLD TRADE
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. 100-81-571 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 12/17/99
DATE 1/10/00

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD
TRADE
CENTER

ELECTRICAL
Title

FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

NTC-X5 AND
NTC-X6
BLOCK WIRING
DIAGRAM

This drawing subject to conditions in Contract. All innovations, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

FELDMAN ROYMAN
Designed by Drawn by Checked by

5-17-99
Date

WTC-861.571
Contract Number

E-14
Drawing Number